

Wichita Daily Eagle

SPEED OF SHOOTING STARS.

Swarms of them flashing through space at a prodigious rate.

The shooting stars are small bodies, weighing, at most, a few pounds, and consisting mainly of iron and carbon. They traverse space in swarms and also revolve around the sun in long, elliptical courses like the comets. When these little bodies enter the earth's orbit they are deflected toward the earth and Public Opinion says great numbers are seen in a single night. Their brightness is due to the heat engendered by the energy of their motion. Their speed is enormous, viz.: Forty-two and a half kilometers a second, while the speed of the earth on its orbit is only twenty-five kilometers a second, forward. Consequently when a shower of them approaches the earth in the direction opposite to its course, the initial speed is seventy-two kilometers a second; when they follow on its course they gain sixteen and a half kilometers a second on it, their mean rate of approach being thirty to forty kilometers a second. The friction engenders a temperature of three thousand degrees Celsius, subject to which they burst into flame. If under these conditions their substance is not vaporized, they pass through and beyond the upper strata of our atmosphere and pursue their proper course around the sun; but as a rule they are vaporized, in which case the vapor mingling with the atmosphere, to fall later as meteoric dust. In this manner we come in contact annually with one hundred and forty-six milliards of shooting stars, which add considerably to the earth's substance.

FOOD OF AN ANCIENT PEOPLE.

They Fed on Spoils of the Chase and Had Several Domesticated Animals.

Plentifully scattered through the relic beds of Switzerland's lakes are fragmentary remains of its ancient people's food. We learn that they were not cannibals, for, amid a profusion of animal bones, very few of the human species have been detected. The deposits of the earliest settlements prove that the inhabitants were ardent hunters, and that largely fed on the spoils of the chase. Numerous wild fowl, and as apes, pears, pines, raspberries and nuts, were included in the vegetable diet of these Swiss aborigines; and the detection of apple parings testified to a certain nicety in their cuisine. They cultivated the common cereals, wheat and barley; and flat, round cakes have been discovered, and also several stones, between which the grain was ground.

When Snake-Poison Is Harmless.

Nature seems to have provided that no poison which acts externally shall have any effect internally, and vice versa.

Thus the most deadly snake venom can be swallowed with impunity, the juice of the strongest and most deadly poison can be rendered harmless. Many experiments, says the Washington Post, have been made to prove this. On one occasion recorded by Humboldt one person swallowed the whole of the poison that could be obtained from four Italian vipers without suffering any bad consequences. In the same way the poison from the venomous arrows of South American Indians can be swallowed with safety, provided only that there is no wound on the lips or inside of the mouth.

MANHOOD RESTORED.

"SANTALINO," the Wonderful Kidney and Bladder Cure, is sold with a Written Guarantee to cure all cases of Urinary Troubles, such as Weakness, Headache, Backache, Neuritis, etc., and to restore the system to its normal condition. It is a powerful and reliable remedy, and is sold in a small, convenient package, which is guaranteed to cure or refund the money. Write for a free trial package to the proprietor, Dr. J. C. Williams, 115 East Douglas, Wichita, Kan.

FOR SALE IN WICHITA, KANS.

Metzger Bros., Druggists, 215 East Douglas Ave.

DR. J. C. WILLIAMS' GREAT KIDNEY CURE.

It is a powerful and reliable remedy, and is sold in a small, convenient package, which is guaranteed to cure or refund the money. Write for a free trial package to the proprietor, Dr. J. C. Williams, 115 East Douglas, Wichita, Kan.

CURE YOURSELF!

It is a powerful and reliable remedy, and is sold in a small, convenient package, which is guaranteed to cure or refund the money. Write for a free trial package to the proprietor, Dr. J. C. Williams, 115 East Douglas, Wichita, Kan.

Pennyroyal Pills

It is a powerful and reliable remedy, and is sold in a small, convenient package, which is guaranteed to cure or refund the money. Write for a free trial package to the proprietor, Dr. J. C. Williams, 115 East Douglas, Wichita, Kan.

COST OF YACHTING.

\$3,000 a Month for the Use of the Astor's Nourmahal.

What It Costs to Charter a Sloop or a Schooner Yacht—The Wasp Is Worth \$15,000—Prices Paid for Smaller Craft—Life in a Yawl.

(Copyright, 1892.)

When James M. Waterbury chartered the Nourmahal, the Astor yacht, he agreed to return the vessel in the condition in which it was received. But the Nourmahal has been in collision with the steamer Maine and the little bill for repairs will be close to \$3,000. Add to this the \$3,000 monthly rental, the \$2,000 monthly expense bill, and Mr. Waterbury's summer outing will come high, exceedingly high.

But the man who willingly spent \$10,000 on an amateur circus won't mind it in the least. He will entertain his friends as lavishly as ever, and if inclined charter the yacht for another season.

No summer sport is relished with so much zeal as that which an outing on the water affords. Pass through the Narrows of New York harbor to the outer bay and you cross the wakes of a thousand pleasure boats of all sizes and descriptions, from the smallest yawl to

feet in length and can seat nine persons. It is supplied with rudder, tiller, yoke, foot-stretcher, back-rest, anchor and rope, brass swivel rowlocks, stem and stern protectors, is nicely varnished and polished and finished in colored wood.

The full cat-rigged sailboat with open cockpit centerboard, sixteen feet long and holding four persons, is worth with sail \$250. From this the prices range up to \$600 for boats twenty-two feet in length and with a capacity for ten persons.

In sloop-rigged boats, with jib and mainsail, the 25-footer will cost \$200 and the 30-footer \$1,200.

One of the prettiest cabin catboats in New York is the Gunhilda, built for Mr. E. S. Jewett, which is valued at \$1,500. Thomas T. Taber's new cabin catboat is built on the same general plan, and both are entered in some of the best regattas of the year.

To show the interest all over the country in speedily sailing yachts I am told that the Herreshoffs a week or so ago sent out a 17-foot cat to Auburn, a 16-foot yawl to Lake Minnetonka, Minn., the fourth to be sent there this season, and a 23-foot cat yawl to Conant's park. They, of course, receive higher prices for all their work than those quoted above.

In fact, for such a boat as the Wasp \$12,000 is considered cheap. But I was shown a number of newly-designed yachts in South Brooklyn, all of which, while cheaper in price, seemed to all appearances as serviceable. One, a 25-foot boat, launched only a week or two ago, is built on the lines of the Gloriana. Her dimensions are 23 feet on the water-line and 40 feet over all. The frame is of oak, with yellow pine planking. She is finished in mahogany, and will be yawl-rigged with a small jib aft, as she is intended for cruising. I understand that she is sold for \$2,500.

Ogden Goellet, who owns the schooner yacht Norseman, is cheerfully paying out \$3,000 a month now for the steam yacht Thetis. As she is a steel vessel of 511 tons and 117 feet in length, Mr. Goellet will be able to entertain his friends lavishly, and with no end of comfort.

The so-called houseboat is coming into deserved popularity. About New York there is a vast area of water available for the quiet of houseboat life.

Such a boat is much less expensive than a yacht. Allowing the same length for both the former one will cost from \$500 to \$1,000 to construct while the 40-foot yacht cannot be built for less than \$3,000 and perhaps not for much under \$5,000. In the houseboat the cabin should be 12x15 feet, allowing for pretty windows at the side and doors opening upon the deck. Several staterooms should be arranged on either side, each 6x8 feet, room enough for an upper and lower folding berth.

At the aft end, to which a passage leads on either side of the cabin, is the kitchen. Then above it all arrange for a hurricane deck, thirty feet long by twelve feet wide, and you have a houseboat arranged with every detail that can add to comfort as far as the general plan is concerned. The furnishings can be as rich or as plain as your inclinations or your purse will permit.

One thing that should never be forgotten in the equipment is the double set of anchors. As a rule the boat should be anchored bow and stern, so that she is securely guarded against a heavy wind. Manila rope is suggested for mooring or possibly galvanized chain cable. Have a little dory ready for emergencies. They are extremely safe even when loaded down with a cargo. Then fitted out with a sprit-sail and centerboard they will give occasion for many a pleasant sail in a good stiff breeze, and save on other occasions the trouble of rowing. The question of moving the houseboat is one not so readily solved. On the river, where the current is strong, there need be no trouble, but on quiet waters where propulsion of some kind is necessary it is, perhaps, best to be fitted out with sails that can be adjusted to four or six masts, and when the breeze is favorable you will find the boat moving along quietly, smoothly and without danger. Even with four hundred and thirty-two square feet of sail there need be no fear of capsizing in a squall, for by having the ropes in perfect control the canvas can be lowered in a second's time.

There are several ways of building the boat on which the house rests. As a rule it is advisable to give it the shape of a scow builder, even though the expense be a little greater than that charged by the carpenter who will build the upper part of the outfit for you.

The boat, scow, house, dory and mechanical outfit need not cost you more than five hundred dollars, and possibly you can contract to have the work done for three hundred dollars.

Had Seen the Harbor Before.

Sydney, Australia, has a remarkably fine harbor, and the people are proud of it. No stranger can visit the place without being asked, again and again: "What do you think of our beautiful harbor?" This question, repeated often, is liable to become a source of amusement, if not of annoyance. The author of "Homeward Bound" relates that an irate skipper, with the recollection of previous visits to the city in his mind, once sailed up the bay with a huge placard rigged at the bow of his craft: "We have admired your beautiful harbor."

Sharpening Files by Acid.

A new method of sharpening files is recommended by German papers, namely, the use of acids. A metal sheet covered with a thin layer of charcoal is fastened upon the file, protecting the edges. This combination is laid into a solution of six parts of nitric acid and three parts of sulphuric acid in a hundred parts of water. The acid acts away all the inner parts of the file, leaving the protected edges unchanged, which are then sharpened by use.

A forty-foot naphtha launch with a draught twenty-six inches, fitted out with a neat cabin, and nicely upholstered, will cost all the way from \$1,500 to \$2,500.

In the line of smaller sailing craft I found the prices very reasonable. There is a combination row and sailboat, really a catboat, which can be had all the way from \$170 to \$300. The latter is nineteen

The Wichita Daily Eagle: Sunday Morning, July 24, 1892.

Wichita Wholesale & Manufacturing Houses.

The houses given below are representative ones in their line, and thoroughly reliable. They are furnished thus for ready reference for the South generally, as well as for city and suburban buyers. Dealers and inquirers should correspond direct with names given.

ESTABLISHED 1886

CORNER & FARNUM

ROYAL COFFEE AND SPICE MILLS

The only Coffee Roasters and Spice Grinders in the state of Kansas. Carry a full line. Lowest prices. Teas, Coffee, Spices, Herbs, Baking Powders, Extracts, Cigars, Spray Yeast, Etc.

112 & 114 South Emporia Avenue.

CHAS. LAWRENCE,

Photographers' Supplies!

102 E Douglas Avenue.

Wichita, Kan. Telephone Connection

WICHITA BOTTLING WORKS.

OTTO ZIMMERMANN, Prop.

Bottlers of Ginger Ale, Champagne

Cider, Soda Water, Standard Nerve

Food, also General Western

Agents for Wm. J. Lem's Extra Pale

Cor. First and Waco Sts., - Wichita.

GEO. H. LLOYD & Co

Harness and Saddlery.

Saddlery Hardware, Leather, Lap Ropes, Etc.

Netts, Blankets, Brushes, Whips, Combs, Etc.

401 E. Douglas Ave. Wichita, Kan.

ROYAL WORCESTER CUTLERY IS THE BEST IN THE WORLD.

A WRITTEN WARRANTY given with each Knife, Razor or Shaver.

Our cutlery is all hand forged out of the finest steel, and made by the

most skilled labor under our special instructions, equal in

quality to the best, and superior in finish to any other cutlery

made, and at low cost. These during a strictly

reliable knife about as good as any other made

anywhere. We have a large stock of all the latest styles of

cutlery, and take no pains to make our goods

second-hand. If you want a reliable knife, razor or

shaver, write to us, and we will send you a

sample of our goods, and you will see that we

are not in the least bit false. Liberal

discounts to the trade.

Write to the Trade.

McKNIGHT & CO., 352 NORTH MAIN STREET, WICHITA, KANS.

For sale by the Leading Hardware Dealers in the city.

THE JOHNSTON & LARIMER DRY GOODS CO.,

Wholesale.

Dry Goods, Notions and Furnishing Goods.

Complete Stock in all Departments.

112, 121 & 123 N Topeka Ave. - - - - - Wichita, Kansas.

LEHMANN-HIGGINSON GROCER CO.,

Wholesale Grocers.

208 AND 205 N. WATER STREET.

Sole Agents for the Celebrated Jersey Coffee, the best package coffee in the market.

AYLESBURY-NORRIS MERCANTILE CO

Wholesale Grocers, 138-140 N. Fourth Ave.

We carry a full line of Sugars, Coffee, Syrup, Teas, Spices, Cigars, Tobacco, and all goods usually

found by the trade. We have a large stock of all the latest styles of

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